=> file caplus
FILE 'CAPLUS' ENTERED AT 13:54:59 ON 02 DEC 2004
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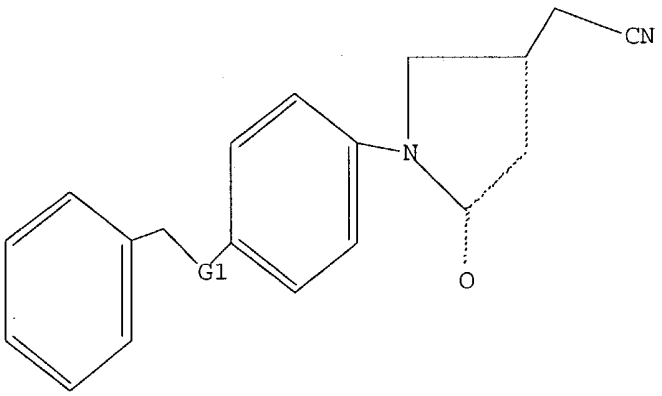
FILE COVERS 1907 - 2 Dec 2004 VOL 141 ISS 23
FILE LAST UPDATED: 1 Dec 2004 (20041201/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d que
L5 STR



G1 C,O

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L7 1 SEA FILE=CAPLUS L6

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L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2004:267296 CAPLUS
DOCUMENT NUMBER: 140:303520
TITLE: Preparation of arylpyrrolidones as monoamine oxidase-B (MAO-B) inhibitors
INVENTOR(S): Iding, Hans; Jolidon, Synese; Krummenacher, Daniela; Rodriguez Sarmiento, Rosa Maria; Thomas, Andrew William; Wirz, Beat; Wostl, Wolfgang; Wyler, Rene
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.

SOURCE: PCT Int. Appl., 55 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004026827	A1	20040401	WO 2003-EP10384	20030918
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004097578	A1	20040520	US 2003-666594	20030918
US 2004106650	A1	20040603	US 2003-667088	20030918
US 2004116707	A1	20040617	US 2003-667087	20030918

PRIORITY APPLN. INFO.: EP 2002-21319 A 20020920
OTHER SOURCE(S): MARPAT 140:303520
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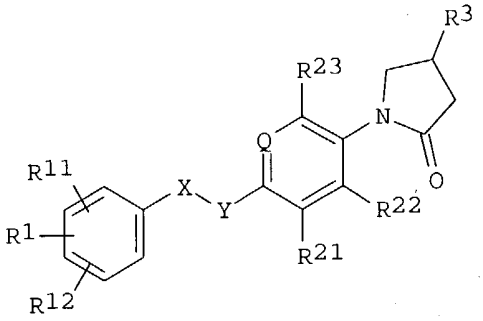

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AB Title compds. (I; Q = N, CR24; XY = CH2CH2, CH:CH, CH2O; R1, R11, R12 = H, halo, alkyl, haloalkyl, cyano, alkoxy, haloalkoxy; R21, R22, R23 = H, halo; R24 = H, halo, Me; R3 = CONHMe, CH2CN), were prepared Thus, Me 1-(4-hydroxyphenyl)-5-oxopyrrolidine-3-carboxylate (preparation given), K2CO3, and 3-fluorobenzyl bromide were refluxed 5 h in EtCOMe to give 24% Me 1-[4-(3-fluorobenzyloxy)phenyl]-5-oxopyrrolidine-3-carboxylate. The latter was heated with MeNH2 in EtOH/DMF in a sealed vessel at 120° for 48 h to give 31% 1-[4-(3-fluorobenzyloxy)phenyl]-5-oxopyrrolidine-3-carboxylic acid methylamide. Preferred I inhibited MAO-B with IC50 ≤1μM.

IT **676472-62-1P 676472-63-2P 676472-64-3P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(claimed compound; preparation of arylpyrrolidones as monoamine oxidase-B inhibitors)

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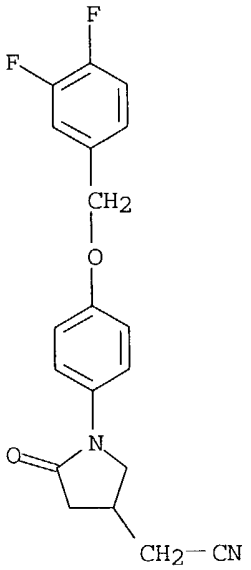
(9CI) (CA INDEX NAME)



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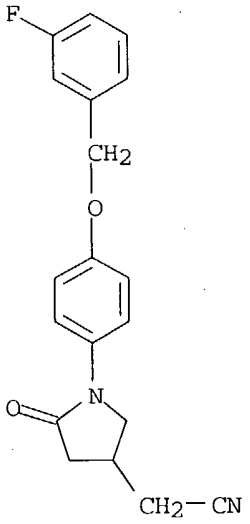

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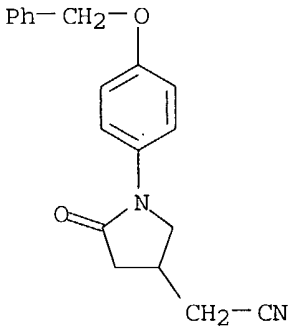

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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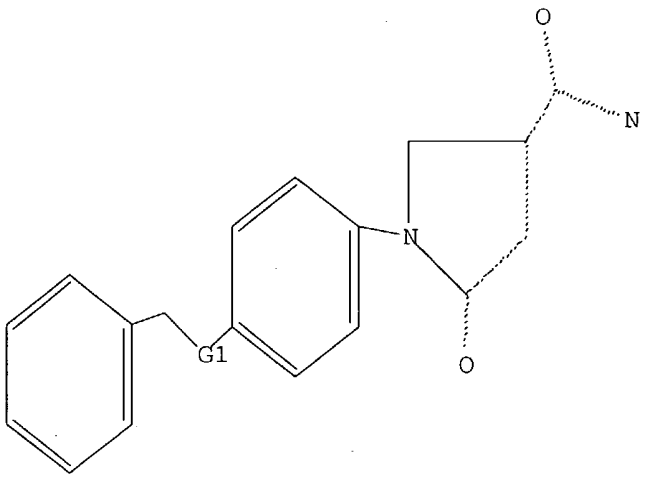
L8 STR



G1 C,O

Structure attributes must be viewed using STN Express query preparation.
L10 137 SEA FILE=REGISTRY SSS FUL L8
L11 1 SEA FILE=CAPLUS L10

=> d l11 ibib abs hit

L11 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2004:267296 CAPLUS
DOCUMENT NUMBER: 140:303520
TITLE: Preparation of arylpyrrolidones as monoamine oxidase-B (MAO-B) inhibitors
INVENTOR(S): Iding, Hans; Jolidon, Synese; Krummenacher, Daniela; Rodriguez Sarmiento, Rosa Maria; Thomas, Andrew William; Wirz, Beat; Wostl, Wolfgang; Wyler, Rene
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 55 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent

10/667,088

LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004026827	A1	20040401	WO 2003-EP10384	20030918
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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004097578	A1	20040520	US 2003-666594	20030918
US 2004106650	A1	20040603	US 2003-667088	20030918
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OTHER SOURCE(S): MARPAT 140:303520
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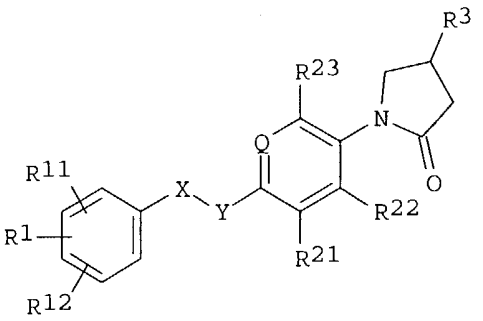

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IT **676472-31-4P 676472-32-5P 676472-33-6P**
676472-34-7P 676472-35-8P 676472-36-9P
676472-37-0P 676472-38-1P 676472-39-2P
676472-40-5P 676472-41-6P 676472-42-7P
676472-43-8P 676472-44-9P 676472-45-0P
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676472-69-8P 676472-70-1P 676472-71-2P
676472-72-3P 676472-73-4P 676472-74-5P
676472-75-6P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(claimed compound; preparation of arylpyrrolidones as monoamine oxidase-B inhibitors)

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